2004

Summer Capacity Survey

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Summer Actions

- Adequate Generation Supply
- Direct-Load Control
- Customer Payback Plan
- Power Supply Emergency Plan



2003 - Historical Summer Peak

2002 2003

1079 MW

1263 MW

Added New Members in 2003

Corn Belt Energy

MJM Electric Cooperative

Enerstar Power Corp.



2004

Summer Peak Projections

Megawatts

<u>June</u>	July	August	
1180	1433	1433	



Power Supply Resources

Power Supply Resources	Monthly Peak Capacity		
Туре	June	July	August
Gibson 5	156	156	156
Firm Purchase	572	606	607
System Power Purchase	65	65	65
Internal Combustion Engines	6	6	6
Unit Power	437	437	437
Vermillion Co. Peaking	148	148	148
Direct Load Control	45	45	45
Other – Interruptible	20	20	20
Total Resources	1449	1483	1485



Demand Side Programs

	Approximate Load Reduction (MW)		
Program	June	July	August
Water heater, air conditioner, and other end-user direct load control			
	45	45	45
Customer Payback – voluntary			
customer load interruption	20	20	20



Customer Payback Plan

- Voluntary Interruption Program
- Industrial and Large Commercial
- Projected Benefit of 20 MW's



Recent Acquisitions

- Duke Vermillion Peaker 148 MW
- Lawrence County Peaker 86 MW



Emergency Plan

- Level Four
 - Call on all remaining power supply
 - Activate all load control & interruptible
- Level Three
 - Cancel all non-firm sales
 - Implements back-up arrangements
 - Implement voltage control



Emergency Plan (cont.)

Level Two

- Members contact large loads requesting voluntary curtailment or use of stand-by generation
- Alert news media requesting voluntary curtailment



Emergency Plan (cont.)

Level One

- Members dispatch personnel to key substations to implement load curtailment as directed by WVPA
- Continue all load control measures
- Update news media



Future Power Supply

- Future Plans
 - Evaluate new Coal and coal gasification projects
 - Evaluate mid term purchases, both peaking and base



Transmission

- •WVPA operates in eight control areas:
 - AEP, Cinergy, IPALCO, NIPSCO, Ameren,
 Illinois Power, CILCO, and Consumers
- WVPA expects to operate in two RTO's, MISO and PJM
- RTO transition issues have been a challenge





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